

Converting Colors

YUV(228.2200, -7.0105, 8.5771)

Have a look what the booklet for
YUV(228.2200, -7.0105, 8.5771)
contains.

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Color

**YUV(228.2200, -7.0105,
8.5771)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE2D6
RGB	238, 226, 214
RGB Percent	93%, 89%, 84%
CMY	0.0667, 0.1137, 0.1608
CMYK	0.00, 0.05, 0.10, 0.07
HSL	30°, 41%, 89%
HSV	30°, 10%, 93%
XYZ	74.5939, 77.4249, 74.6313
YIQ	228.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

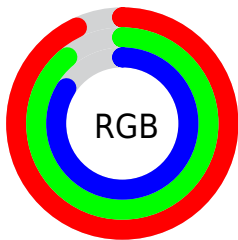
Format	Color
R _Y B	238, 238, 214
Decimal	15655638
CIE Lab	90.52, 2.08, 7.31
CIE LCh	91, 7.600, 74.130
Yxy	77.4249, 0.3291, 0.3416
Android (android.graphics.Color)	4293845718 (0xFFEEE2D6)
YUV	228.2200, -7.0105, 8.5771
Hunter-Lab	87.9914, -2.6634, 11.3062

Details

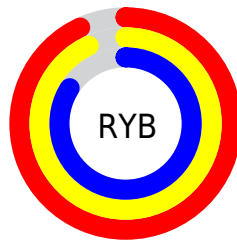
The YUV color $228.2200, -7.0105, 8.5771$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.7800, 7.0105, -8.5771$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.9210, -6.8631, 7.9623$ is the 20% darker color. If you saturate the color by 10%, you get $218.4400, -14.0209, 17.1541$, and if you desaturate by 10%, it is $238.0000, 0.0000, 0.0000$.

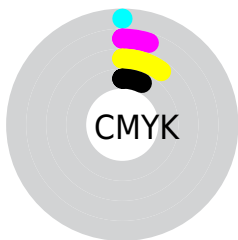
Distribution



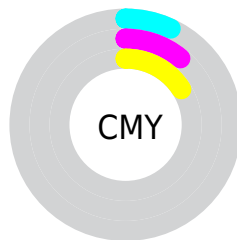
- Red (93%)
- Green (89%)
- Blue (84%)



- Red (93%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.2200, -7.0105, 8.5771 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 228.2200, -7.0105, 8.5771 by changing the saturation by 10% instead.

■ 228.2200, -7.0105,
8.5771

■ 228.2200, -7.0105,
8.5771

255.0000, 0.0000,
0.0000

■ 200.2200, -7.0105,
8.5771

■ 172.9210, -6.8631,
7.9623

■ 146.0350, -6.4263,
7.8623

■ 120.7360, -6.2788,
7.2475

■ 95.8500, -5.8420,
7.1476

■ 71.9640, -5.4053,
7.0476

■ 49.6650, -5.2578,

6.4328

■ 28.3660, -5.1104,
5.8180

■ 2.3920, -1.1793,
4.9182

■ 228.2200, -7.0105,
8.5771

■ 228.2200, -7.0105,
8.5771

■ 218.4400,
-14.0209, 17.1541

■ 238.0000, 0.0000,
0.0000

■ 208.6600,
-21.0314, 25.7312

■ 246.9820, 3.9529,
-7.8772

■ 198.9940,
-27.6050, 34.2083

■ 249.9170, 2.5059,
-10.4512

■ 189.2140,
-34.6155, 42.7853

■ 179.4340,
-41.6260, 51.3624

■ 170.2410,
-48.9258, 59.4246

■ 160.4610,
-55.9363, 68.0017

■ 150.7950,
-62.5099, 76.4788

■ 141.0150,
-69.5204, 85.0558

Harmonies

Analogous

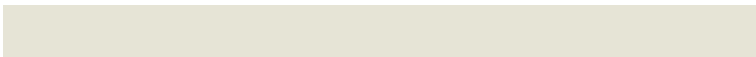
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.9970, -5.4215, 12.2806



228.2200, -7.0105, 8.5771



227.0020, -6.4100, 2.6292

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.2200, -7.0105, 8.5771



225.6070, 2.6587, -12.8103



229.1730, 4.3517, 4.2333

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



228.2200, -7.0105, 8.5771



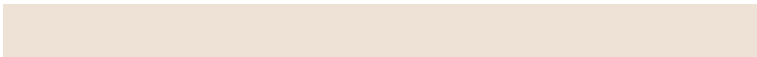
223.7800, 7.0105, -8.5771

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.1120, 6.8468, -2.7292



228.2200, -7.0105, 8.5771



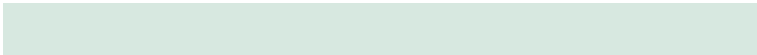
225.8180, 6.0057, -12.9954

Square

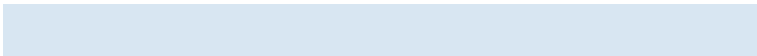
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.2200, -7.0105, 8.5771



226.0050, -0.9885, -9.6514



227.1820, 7.3053, -9.8066



229.4080, 1.2779, 10.1662

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.2200, -7.0105, 8.5771



226.9090, -5.3781, -1.6742



227.1820, 7.3053, -9.8066



229.0910, 5.3781, 1.6742

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



228.2200, -7.0105, 8.5771



251.7400, -2.3368, 2.8590



222.5440, 1.7038, 13.5549



125.5550, -1.7526, 2.1443



0.0000, 0.0000, 0.0000



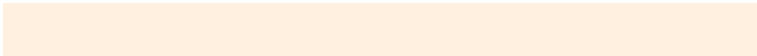
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.2200, -7.0105, 8.5771



242.6610, -9.1999, 10.8213



235.2640, -10.4832, 2.3995



115.1100, -3.5052, 4.2885



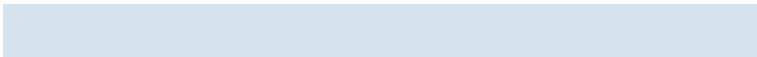
109.0200, -53.7469, 65.7575



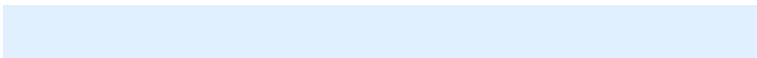
33.1800, -16.3577, 20.0131

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



223.7800, 7.0105, -8.5771



236.9260, 8.9105, -11.3361



216.7360, 10.4832, -2.3995



112.8900, 3.5052, -4.2885



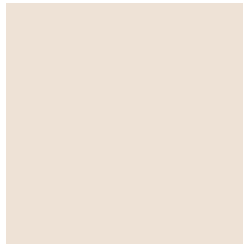
74.9800, 53.7469, -65.7575



22.8200, 16.3577, -20.0131

Previews

White Background



This preview shows how the YUV color 228.2200, -7.0105, 8.5771 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 228.2200, -7.0105, 8.5771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

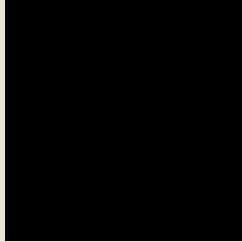
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.2200, -7.0105, 8.5771

Background



This preview shows how black text looks on a background with the YUV color 228.2200, -7.0105, 8.5771.



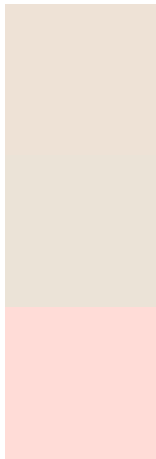
This preview shows how white text looks on a background with the YUV color 228.2200, -7.0105,

8.5771.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

228.2200, -7.0105, 8.5771

Protanopia

228.0240, -6.4208, 6.1180

Deuteranopia

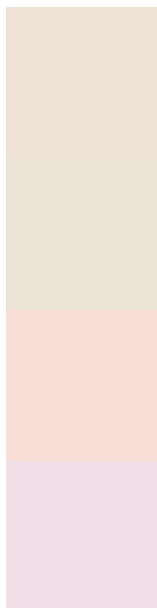
229.8950, -7.3432, 22.0171



Tritanopia

230.0320, 4.9142, 10.4959

Trichromacy



Original Color

228.2200, -7.0105, 8.5771

Protanomaly

228.3230, -6.5682, 6.7327

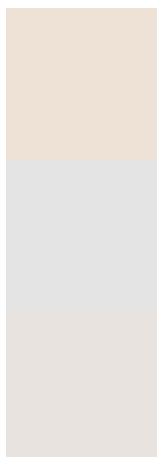
Deuteranomaly

229.2750, -7.0376, 17.2988

Tritanomaly

229.2940, 0.8411, 10.2662

Monochromacy



Original Color

228.2200, -7.0105, 8.5771

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.2200, -7.0105, 8.5771 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(238, 226, 214)` looks like.

```
.text, #text, p{  
    color:rgb(238, 226, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 226, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 226, 214) }
```

Border

The CSS property to change the border of an element to YUV 228.2200, -7.0105, 8.5771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 226, 214) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 226, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 226, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(238, 226,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 228.2200, -7.0105, 8.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 226, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
226, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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